

In re Patent Application of:
ENRIQUEZ ET AL
Serial No. 10/090,291
Filed: MARCH 4, 2002

REMARKS

The notice of allowable subject matter in claims 21, 22 and 24 is gratefully appreciated.

After reviewing the comments regarding the claims rejected in the outstanding Office Action, Applicants have replaced rejected claims 23 and 25-32 with new claims 33-38. As a result of these amendments, claims 21, 22, 24 and 33-38 are currently pending. Reconsideration of this application in light of the foregoing amendments and following remarks is respectfully requested.

In an effort to eliminate the rejections of the claims under 35 U.S.C. § 112, as set forth in item 1 on pages 2-4 of the outstanding Office Action, claim 23 has been replaced by new independent claim 33, claim 25 has been replaced by new independent claim 35 and claim 29 has been replaced by new independent claim 37. Newly added dependent claims 34, 36 and 38 further delimit the claims upon which they depend by the inclusion of the first and second low pass filters, such as recited in claims 22, 26 and 30, respectively. Each of the replacement independent claims 33, 35 and 37 is believed to eliminate the inconsistencies alleged in the outstanding Office Action and to accurately define the subject matter of the invention.

More particularly, claim 33, which replaces dependent claim 23, rewrites dependent claim 23 in self-contained form to include the subject matter of claims 21 and 23, by clarifying the fact that the voltage regulator has an input coupled to receive a DC

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voltage and an output thereof coupled to the input terminal of the voltage divider, as shown in the embodiment of Figure 2. Moreover, the voltage regulator is recited as causing the first value of DC voltage to be replicated at the input terminal of the voltage divider for a first value of DC voltage relative to ground. Because the first value of DC voltage relative to ground is less than the prescribed value of regulated DC voltage Vreg relative to ground, what is provided by the voltage dividing node 21 is a fraction of that first value of DC voltage. This is believed to be concisely defined in the language of replacement claim 33. On the other hand, for a second value of DC voltage relative to ground, that is at or above the prescribed value of regulated DC voltage Vreg, the value of DC voltage at the input terminal of the voltage divider is limited to the prescribed value of regulated DC voltage Vreg relative to ground, due to the action of the voltage regulator 50. Consequently, the voltage divider node 21 will provide a fraction of the regulated DC voltage Vreg.

A similar change in terminology has been effected in new independent claims 35 and 37, which replace claims 25 and 29, respectively.

With the foregoing corrections to the claims, it is respectfully submitted that the definition of Applicants' invention in claims 21, 22, 24 and 33-38 is allowable. Favorable reconsideration and a notice of allowability of claims 21, 22 24 and 33-38 are, accordingly, earnestly solicited.

Should any minor informalities need to be addressed, the Examiner is encouraged to contact the undersigned attorney at the telephone number listed below.

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Respectfully submitted,

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CERTIFICATE OF FACSIMILE TRANSMISSION

I HEREBY CERTIFY that the foregoing correspondence has been forwarded via facsimile number 703-872-9306 to MAIL STOP AMENDMENT, COMMISSIONER FOR PATENTS, this 25 day of April 2006.

